

Dissolved Oxygen Data (Winkler)

Survey ID	Visit ID	Station ID	Analytical Batch ID	Analytical Date (mm/dd/yyyy)	Analytical Time (Shiptime, military)	Analyst (initials, XXX)

Sample ID	Titant Used D.O. (mL)	BOD Bottle Volume (mL)	Volume Corrected D.O. (mg/L)	Temperature (Celsius)	Barometric Pressure (mb)	Corrected Table Value (mg/L)	Remarks

Calculation of Volume Corrected D.O.

Titant Used (mL) x 60.8 (mL) / BOD Bottle Volume (mL)

Corrected Table Value

Value from Temperature table x barometric pressure/std pressure

At least one saturated sample is analyzed on each shift

Method Performance Criteria		
QC Type	Minimum Frequency	Acceptance Criteria
Lab Duplicate	Non-DO Surveys: Run on one depth from approximately three predesignated stations per lake	Absolute Difference < 0.2 mg/L
	DO Surveys: All SRF and B- samples at each station	
Lab Accuracy Check, Saturated Sample	Non-DO Surveys: Coinciding with the first running of Winkler QC checks in each lake	± 0.5 mg/L, compared to theoretical
	DO Surveys: At the beginning and once per shift	